EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|---------------------|---------|----------------------|
| S1 | 1259 | 257/13 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 15:52 |
| S2 | 270790 | "257"/(13,79-103).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 15:52 |
| S3 | О | ("LED" or "light adj emitt\$3 adj diode") and ((light adj light with conversion) or (light adj conversion)) with ((sensor) or (light adj conversion)) with ((sensor)) and ((photo adj conduct\$3) or (photo adj current) or (multiplication adj layer)) and electroluminescent and polymer and semiconductor | US-PGPUB; USPAT; EPO; JPO; DEFWENT; IBM_TDB | OR | ON | 2007/09/07 |
| S4 | О | ("LED" or "light adj emitt\$3 adj diode") and ((light adj light with conversion) or (light adj conversion)) and ((sensor) or (light adj conversion)) and ((sensor)) and ((photo adj conduct\$3) or (photo adj current) or (multiplication adj layer)) and electroluminescent and polymer and semiconductor | US-PGPUB; USPAT; EPO; JPO; DEFWENT; IBM_TDB | OR | ON | 2007/09/07 |
| S5 | 0 | ("LED" or "light adj emitt\$3 adj diode") and ((light adj light with conversion) or (light adj conversion)) and ((sensor) or (light adj sensor)) and (photo adj conduct\$3) or (photo adj current) or (multiplication adj layer)) and electroluminescent | US-PGPUB; USPAT; EPO; JPO; DEFWENT; IBM_TDB | OR | ON | 22007/09/07 16:00 |
| S6 | 447 | ("LED" or "light adj emitt\$3 adj diode") and ((light adj light with conversion) or (light adj conversion)) and ((sensor) or (light adj sensor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 16:03 |

| S7 | 114 | polymer and S6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 16:06 |
|-----|------|--|---|----|----|---------------------|
| S8 | 51 | conductor and substrate and S6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 16:07 |
| S9 | 33 | polymer and S8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 16:07 |
| S10 | 10 | S9 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 16:08 |
| S11 | 277 | S6 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 16:08 |
| S12 | 24 | S8 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 16:10 |
| S13 | 19 | ("3666881" "4127322" "4150876" "4185894" "4368386" "4481531" "4920417" "4989076").PN. OR ("5124545").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/07 17:49 |
| S14 | 21 | ("4965591" "5141785" "5161007" "5319461" "5418096" "5488601").PN. OR ("5555205").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/07 17:58 |
| S15 | 12 | ("3611230" "4011505" "4453103" "4518962" "5059876" "5210490" "5341280").PN. OR ("5637973").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/07 18:01 |
| S16 | 9 | ("4641071" "5055775" "5304899" "5323001" "5347256").PN. OR ("5818188").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/07 18:01 |
| S17 | 2 | ("5909081").PN. OR ("6956323").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/07 18:03 |
| S18 | 3007 | 257/40 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/07 18:26 |

| S19 | 6 | ("LED" or "light adj emitt\$3 adj diode") and ((light adj light adj conversion) or (light adj conversion) or (photo adj photo adj conversion)) and S18 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | N N | 2007/09/07 18:28 |
|-----|------|---|---|----|--------|---------------------|
| S20 | 17 | ("LED" or "light adj emitt\$3 adj diode") and ((light adj light adj conversion) or (photo adj photo adj conversion)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 18:30 |
| S21 | 2262 | 257/79 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 18:30 |
| S22 | 0 | ("LED" or "light adj emitt\$3 adj diode") and ((light adj light adj to adj light adj conversion) or (photo adj photo adj conversion)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 18:40 |
| S23 | 617 | ("LED" or "light adj emitt\$3 adj diode") and ((light adj light with conversion) or (photo adj photo adj conversion)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 18:40 |
| S24 | 274 | ("LED" or "light adj emitt\$3 adj diode") and ((light adj light near5 conversion) or (photo adj photo adj conversion)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 18:41 |
| S25 | 17 | ("LED" or "light adj emitt\$3 adj diode") and ((light adj light adj conversion) or (photo adj photo adj conversion)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 18:41 |
| S26 | 327 | ("LED" or "light adj emitt\$3 adj diode") and ((light adj light near5 conversion) or (photo adj photo adj conversion) or ("light-to- light") or ("light-light")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 18:42 |
| S27 | 183 | S26 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 18:43 |
| S28 | 1 | "11393789" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 18:53 |

| S29 | 1 | "11360249" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 18:54 |
|-------------|-----|---|---|----|----|---------------------|
| S30 | 13 | ("5751327" "5768675" "6012291" "6121993" "6121994" "6121995" "6218660" "6266074" "6366304" "6380943" "6607277" "6683639" "6049849").PN. OR ("7116345").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/09 21:56 |
| S31 | 17 | ("3592527" "3666881" "3944358" "4150876" "4714956" "5124545" "5467216" "5486936").PN. OR ("6163348").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/09 22:05 |
| S32 | 16 | ("4060316" "5170271" "5200283" "5208686" "5260815" "5268779").PN. OR ("5486936").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/09 22:13 |
| S3 3 | 19 | ("3666881" "4127322" "4150876" "4185894" "4368386" "4481531" "4920417" "4989076").PN. OR ("5124545").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/09 22:27 |
| S34 | 21 | ("4965591" "5141785" "5161007" "5319461" "5418096" "5488601").PN. OR ("5555205").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/09 22:32 |
| S35 | 2 | ("5327263").PN. OR ("5748273").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/09 22:37 |
| S36 | 5 | ("4846559" "4920257" "5327263").PN. OR ("5793453").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/09 22:37 |
| S37 | 19 | ("3666881" "4127322" "4150876" "4185894" "4368386" "4481531" "4920417" "4989076").PN. OR ("5124545").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/09 22:39 |
| S38 | 120 | ((light adj light adj conversion) or (photo adj photo adj conversion) or (light adj to adj light with conversion)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 22:45 |
| S39 | 101 | S38 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2007/09/09 22:45 |

| S40 | 9 | ("5056897" "5150242" "5182666" "5543631" "5629920" "5903296" "6219160" "6268614" "6437887").PN. OR ("7262430").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 22007/09/09 23:13 |
|-------------|------|--|---|----|----|----------------------|
| S41 | 22 | ("3447922" "3448028" "3448029" "3448030" "4546244" "4754132" "4877952" "5093565" "5288990" "5315129" "5416338").PN. OR ("5543631").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/09 23:15 |
| S42 | 12 | ("3655971" "3795517" "4672014" "5170271" "5200283" "5260815" "5301046" "5304438" "5313288" "5486936").PN. OR ("5933201").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/09 23:16 |
| S44 | 120 | ((light adj light adj conversion) or (photo adj photo adj conversion) or (light adj to adj light with conversion) or (light adj light with converion)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 23:21 |
| S 45 | 120 | ((light adj light adj conversion) or (photo adj photo adj conversion) or (light adj to adj light)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 23:22 |
| S46 | 1945 | (((photo light) near3 (sensor detector)) or photodiode) and (oled "organic light emitting diode") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 11:15 |
| S47 | 1076 | "1" and (((photo light) near3 (sensor detector)) photodiode) near3 (organic polymer resin) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 |
| S48 | 1945 | (((photo light) near3 (sensor detector)) photodiode) and (oled "organic light emitting diode") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 11:19 |
| S49 | 343 | "1" and (((photo light) near3 (sensor detector)) photodiode) near3 (polymer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2007/09/10 11:21 |

| S50 | 27 | S48 and (((photo light) near3 (sensor detector)) photodiode) near3 (polymer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | \$2007/09/10 \$11:21 |
|-----|------|--|---|----|----|-------------------------|
| S51 | 208 | S48 and (((photo light) near3 (sensor detector)) photodiode) near3 (organic polymer resin) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 11:22 |
| S52 | 10 | S48 and (((photo light) near3 (sensor detector)) photodiode) near3 (organic adj polymer resin) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 11:23 |
| S53 | 119 | S51 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 11:23 |
| S54 | 343 | "1" and (((photo light) near3 (sensor detector)) photodiode) near3 (polymer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 12:18 |
| S55 | 235 | S54 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 12:18 |
| S56 | 3007 | 257/40 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 13:47 |
| S57 | 338 | (((photo light) near3 (sensor detector)) photodiode) and ((oled) or ("organic light emitting diode") or (LED) or (light emitting diode)) and \$56 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 |
| S58 | 300 | S57 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 13:55 |
| S59 | 1948 | (((photo light) near3 (sensor detector)) photodiode) and (oled "organic light emitting diode") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2007/09/11 08:40 |

| S60 | 208 | S59 and (((photo light) near3 (sensor detector)) photodiode) near3 (organic polymer resin) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 08:40 |
|-----|--------|---|---|----|----|---------------------|
| S61 | 119 | S60 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 08:40 |
| S62 | 3018 | 257/40 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 08:45 |
| S63 | 344 | S62 and (((photo light) near3 (sensor detector)) photodiode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 08:45 |
| S64 | 641911 | [(((photo light) near3 (sensor detector)) photodiode) and (oled "organic light emitting diode") or (LED or "light emitting diode") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 08:46 |
| S65 | 230 | S63 and S64 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 08:47 |
| S66 | 59 | ((light adj shield\$3) or (light with Shield\$3) or (shield\$3) or (translucent)) and S63 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 08:50 |
| S67 | 580 | ((light adj shield\$3) or (light with Shield\$3) or (shield\$3) or (translucent)) and S59 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 08:50 |
| S68 | 52 | S66 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 08:51 |
| S69 | 228 | S67 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 09:23 |
| S70 | 4 | ("5771091" "5969838" "6091497" "6239865").PN. OR ("6831266").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 09:52 |

| S71 | 12 | ("4576436" "5345076" "5402508").PN. OR ("6091497").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 09:54 |
|-----|-------|--|---|----|----|---------------------|
| S72 | 7 | ("4933545" "5262884" "5771091" "5969858" "6091497" "6239865" "6552328").PN. OR ("6906807").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 09:57 |
| S73 | 8 | ("5414247" "5771091" "5969858" "6091497" "6239865" "6398425" "6694031").PN. OR ("6822750").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 09:57 |
| S74 | 53453 | Nakayama.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 10:10 |
| S75 | 1 | "Kenichi Nakayama".in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 10:11 |
| S76 | 215 | "Nakayama Kenichi".in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 10:11 |
| S77 | 274 | "Yokoyama masaaki".in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 10:14 |
| S78 | 248 | "Ueda Masato".in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 10:15 |
| S79 | 1286 | divalent with heterocyclic with monovalent | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 10:18 |
| S80 | 0 | heteroclyctic and S79 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 10:19 |
| S81 | 1286 | heterocyclic and S79 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 10:19 |

| S82 | 453 | polystyrene and S81 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 |
|-----|------|---|---|----|----|---------------------|
| S83 | 442 | hydrogen and S82 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 10:21 |
| S84 | 6 | (((photo light) near3 (sensor detector)) photodiode) and S83 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 10:21 |
| S85 | 1 | "10582398" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 11:49 |
| S86 | 1948 | (((photo light) near3 (sensor detector)) photodiode) and (oled "organic light emitting diode") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 14:34 |
| S87 | 580 | ((light adj shield\$3) or (light with Shield\$3) or (shield\$3) or (translucent)) and \$86 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 14:34 |
| S88 | 357 | (translucent or diffusion) and \$87 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 14:34 |
| S89 | 147 | S88 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 14:35 |
| S90 | 13 | ("5751327" "5768675" "6012291" "6121993" "6121994" "6121995" "6218660" "6266074" "6366304" "6380943" "6607277" "6386839" "6949849").PN. OR ("7116345").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 14:59 |
| S91 | 17 | ("3592527" "3666881" "3944358" "4150876" "4714956" "5124545" "5467216" "5486936").PN. OR ("6163348").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 14:59 |

| S92 | 16 | ("4060316" "5170271" "5200283" "5208686" "5260815" "5268779").PN. OR ("5486936").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 14:59 |
|-------------|----|--|---|----|----|---------------------|
| S93 | 19 | ("3666881" "4127322" "4150876" "4185894" "4368386" "4481531" "4920417" "4989076").PN. OR ("5124545").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 14:59 |
| S94 | 21 | ("4965591" "5141785" "5161007" "5319461" "5418096" "5488601").PN. OR ("5555205").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 14:59 |
| S9 5 | 2 | ("5327263").PN. OR ("5748273").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 14:59 |
| S96 | 5 | ("4846559" "4920257" "5327263").PN. OR ("5793453").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 14:59 |
| S97 | 19 | ("3666881" "4127322" "4150876" "4185894" "4368386" "4481531" "4920417" "4989076").PN. OR ("5124545").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 14:59 |
| S98 | 68 | (translucent or diffusion or transparent) and (S90 S91 S92 S93 S94 S95 S96 S97) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 14:59 |
| S99 | 65 | S98 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 15:00 |
| S100 | 2 | "20070181895" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 15:21 |
| S101 | 8 | ("5414247" "5771091" "5969858" "6091497" "6239865" "6398425" "6694031").PN. OR ("6822750").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 15:36 |
| S102 | 7 | ("4933545" "5262884" "5771091" "5969858" "6091497" "6239865" "6552328").PN. OR ("6906807").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 15:37 |
| S103 | 2 | "20070181895" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 17:22 |

| S104 | 2 | "10484578" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 17:24 |
|------|-----|--|---|----|----|---------------------|
| S105 | 382 | (((photo light) near3 (sensor detector)) photodiode) near3 (polymer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/05 17:16 |
| S106 | 248 | S105 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/05 17:16 |
| S107 | 1 | "10582398" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/14 14:21 |
| S108 | 3 | "7026654" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/14 14:27 |
| S109 | O | ("LED" or "light adj emitt\$3 adj diode") and ((light adj light adj conversion) or ((light adj conversion) or ((photo adj photo adj conversion)) and (("oled" or "organic light emitting diode") with (polymer)) and (("photo sensor" "light detector" "light sensor" "image sensor") with ((organic)) | US-PGPUB; USPAT; EPO; JPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/21 17:16 |
| S110 | 16 | ("LED" or "light adj emitt\$3 adj diode") and (("oled" or "organic light emitting diode") with (polymer)) and (("photo sensor" "light detector" "light sensor" "image sensor") with (organic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/21 17:17 |
| S111 | 0 | S110 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/21 17:17 |

| S112 | 28 | (("oled" or "organic light emitting diode") with (polymer)) and (("photo sensor" "light detector" "light sensor" "image sensor") with (organic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/21 17:18 |
|------|----|--|---|----|------|---------------------|
| S113 | 5 | S112 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/21 17:18 |
| S114 | 12 | (("oled" or "organic light emitting diode") with (polymer) and (("photo sensor" "light detector" "light sensor" "image sensor") with (organic) with polymer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/21 17:29 |
| S115 | 1 | S114 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/21 17:30 |
| S116 | 21 | ("4965591" "5141785" "5161007" "5319461" "5418096" "5488601").PN. OR ("5555205").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/19 13:06 |
| S117 | 21 | S116 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 13:07 |
| S118 | 4 | organic and S117 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 13:07 |
| S119 | 39 | ("3824099" "3887366" "3898084" "3958207" "4423129" "4474865" "4628017" "4462893" "4751163" "4942970" "4896956" "4873164" "4886846" "4910110" "4916039" "4925759" "4939055" "5041665" "5169897" "5213922" "5289847" "5308724" "5424156"), PN. OR ("548601), URFN. | US-PGPUB; USPAT; USOCR | OR | ON . | 2009/10/19 13:21 |
| S120 | 37 | S119 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 13:21 |

| S121 | 28 | organic and S120 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 13:22 |
|------|------|--|---|----|----|---------------------|
| S122 | 865 | (oled "organic light emitting") and ((light adj light adj convers\$6) or (light adj conver\$8)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 |
| S123 | 292 | S122 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 |
| S124 | 3607 | 257/79 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 14:47 |
| S125 | 1755 | S124 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 14:48 |
| S126 | 217 | (oled "organic light emitting") and S125 | US-PGPUB; US-PAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 14:48 |
| S127 | 217 | S126 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 14:48 |
| S128 | 3607 | 257/79 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 16:59 |
| S129 | 1755 | S128 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 16:59 |
| S130 | 865 | (oled "organic light emitting") and ((light adj light adj convers\$6) or (light adj conver\$8)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2009/10/19 17:00 |

| S131 | 292 | S130 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 117:00 |
|------|------|---|---|----|----|----------------------|
| S132 | 1742 | S129 not S131 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 17:00 |
| S133 | 1742 | S132 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 17:00 |
| S134 | 1401 | (led "light emitting") and S133 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 17:01 |
| S135 | 1 | "10582398" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 17:22 |
| S136 | 1 | "11729408" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/19 118:49 |
| S137 | 2 | "20060234422" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/20 07:19 |
| S138 | 3 | "20050077458" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/20 07:30 |
| S139 | 6 | ("20030048239" "20030075767" "20040031966" "20040032382" "5153756"),PN. OR ("6930658").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/21 14:28 |
| S140 | 49 | ("4075654" "5254849" "5491384").PN. OR ("5872355").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/21 14:35 |

| S141 | 38 | S140 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/21 14:36 |
|------|-----|--|---|------|------|---------------------|
| S142 | 28 | ("4866291" "5059794" "5182624" "5381014" "5420352" "5498800" "5591960" "5604364" "581933" "5698844" "5812284" "5841180" "5912465" "5014485" "691435" "6034406" "6034725" "6075256" "6121622" "6144666" "6147338" "6163386" "6245601" "6353228" "6476867").PN. OR ("6787778").UPRN. | US-PGPUB; USPAT; USOCR | OR . | ON | 2010/06/21 14:39 |
| S143 | 28 | S142 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/21 14:39 |
| S144 | 10 | ("20030150714" "20040090426" "20040140960" "20040140961" "4916308" "6172459" "6762747" "6846579" "6879319").FN. OR ("7133032").UFPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/21 14:42 |
| S145 | 108 | photodiode same ((OLED) or (organic adj light)) same (sensor) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/21 17:14 |
| S146 | 22 | S145 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/21 17:14 |
| S147 | 191 | photodiode same ((OLED) or (organic adj light)) same (sens\$3 or detect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | 00 N | 2010/06/21 17:20 |
| S148 | 49 | S147 and @ad < "20031217" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/21 17:20 |

| 3, | | <u></u> | | | ·········· | | |
|------|----|---------------|-------------|----|------------|------------|--|
| S149 | 27 | S148 not S146 | US-PGPUB; | OR | ON | 2010/06/21 | |
| | | | USPAT; EPO; | | | 17:20 | |
| | | | JPO; | | | | |
| | | | DERWENT; | | | | |
| | | | IBM_TDB | | | | |
| | | | | | | | |

6/22/2010 9:36:40 AM

C:\ Documents and Settings\ Marmand\ My Documents\ EAST\ Workspaces\ 10582398 LED conversion light to light.wsp